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SEQUENCE LISTING

<110> The University of Melbourne
 <120> Antimicrobial Composition
 <130> WJP PJXC 03 1377 3773
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 <170> PatentIn version 3.3
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 <222> (12)..(12)
 <223> PHOSPHORYLATION
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Ala Val Glu Ser Thr Val Ala Thr Leu Glu Ala Ser Pro Glu Val Ile
 1 5 10 15
 Glu Ser Pro Pro Glu
 20

<210> 2
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 <221> MOD_RES
 <222> (12)..(12)
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 <400> 2

Ala Val Glu Ser Thr Val Ala Thr Leu Glu Asp Ser Pro Glu Val Ile
 1 5 10 15
 Glu Ser Pro Pro Glu
 20

<210> 3
 <211> 64
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 <223> PHOSPHORYLATION
 <400> 3

Met Ala Ile Pro Pro Lys Lys Asn Gln Asp Lys Thr Glu Ile Pro Thr
 1 5 10 15
 Ile Asn Thr Ile Ala Ser Gly Glu Pro Thr Ser Thr Pro Thr Ile Glu
 20 25 30
 Ala Val Glu Ser Thr Val Ala Thr Leu Glu Ala Ser Pro Glu Val Ile
 35 40 45
 Glu Ser Pro Pro Glu Ile Asn Thr Val Gln Val Thr Ser Thr Ala Val
 50 55 60

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Met Ala Ile Pro Pro Lys Lys Asn Gln Asp Lys Thr Glu Ile Pro Thr

2.

1	Ile	Asn	Thr	Ile	5	Ala	Ser	Gly	Glu	Pro	10	Thr	Ser	Thr	Pro	15	Thr	Ile	Glu
				20						25						30			
	Ala	Val	Glu	Ser	Thr	Val	Ala	Thr	40	Leu	Glu	Ala	Ser	Pro	45	Glu	Val	Ile	
			35																
	Glu	Ser	Pro	Pro	Glu	Ile	Asn	Thr	55	Val	Gln	Val	Thr	Ser	Thr	Ala	Val		
			50											60					

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 <400> 5

Met	Ala	Ile	Pro	Pro	Lys	Lys	Asn	Gln	Asp	Lys	Thr	Glu	Ile	Pro	Thr
1				5					10					15	
	Ile	Asn	Thr	Ile	Ala	Ser	Gly	Glu	Pro	Thr	Ser	Thr	Pro	Thr	Thr
				20					25					30	
	Ala	Val	Glu	Ser	Thr	Val	Ala	Thr	40	Leu	Glu	Asp	Ser	Pro	Glu
			35										45		Val
	Glu	Ser	Pro	Pro	Glu	Ile	Asn	Thr	55	Val	Gln	Val	Thr	Ser	Thr
			50										60		Ala
															Val

<210> 6
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 <400> 6

Met	Ala	Ile	Pro	Pro	Lys	Lys	Asn	Gln	Asp	Lys	Thr	Glu	Ile	Pro	Thr
1				5					10					15	
	Ile	Asn	Thr	Ile	Ala	Ser	Gly	Glu	Pro	Thr	Ser	Thr	Pro	Thr	Thr
				20					25					30	
	Ala	Val	Glu	Ser	Thr	Val	Ala	Thr	40	Leu	Glu	Asp	Ser	Pro	Glu
			35										45		Val
	Glu	Ser	Pro	Pro	Glu	Ile	Asn	Thr	55	Val	Gln	Val	Thr	Ser	Thr
			50										60		Ala
															Val

<210> 7
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 <400> 7

Thr	Glu	Ile	Pro	Thr	Ile	Asn	Thr	Ile	Ala	Ser	Gly	Glu	Pro	Thr	Ser
1				5					10					15	
	Thr	Pro	Thr	Ile	Glu	Ala	Val	Glu	Ser	Thr	Val	Ala	Thr	Leu	Glu
				20					25					30	
	Ser	Pro	Glu	Val	Ile	Glu	Ser	Pro	Pro	Glu	Ile	Asn	Thr	Val	Gln
			35					40					45		Val
	Thr	Ser	Thr	Ala	Val										
			50												

<210> 8
 <211> 53

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<212> PRT
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 <223> PHOSPHORYLATION
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 <222> (33)..(33)
 <223> PHOSPHORYLATION
 <400> 8

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Thr Glu Ile Pro Thr Ile Asn Thr Ile Ala Ser Gly Glu Pro Thr Ser
1      5      10      15
Thr Pro Thr Ile Glu Ala Val Glu Ser Thr Val Ala Thr Leu Glu Ala
      20      25      30
Ser Pro Glu Val Ile Glu Ser Pro Pro Glu Ile Asn Thr Val Gln Val
      35      40      45
Thr Ser Thr Ala Val
      50
  
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<210> 9
 <211> 53
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 <213> bovine
 <221> MOD_RES
 <222> (33)..(33)
 <223> PHOSPHORYLATION
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Thr Glu Ile Pro Thr Ile Asn Thr Ile Ala Ser Gly Glu Pro Thr Ser
1      5      10      15
Thr Pro Thr Thr Glu Ala Val Glu Ser Thr Val Ala Thr Leu Glu Asp
      20      25      30
Ser Pro Glu Val Ile Glu Ser Pro Pro Glu Ile Asn Thr Val Gln Val
      35      40      45
Thr Ser Thr Ala Val
      50
  
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<210> 10
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Thr Glu Ile Pro Thr Ile Asn Thr Ile Ala Ser Gly Glu Pro Thr Ser
1      5      10      15
Thr Pro Thr Thr Glu Ala Val Glu Ser Thr Val Ala Thr Leu Glu Asp
      20      25      30
Ser Pro Glu Val Ile Glu Ser Pro Pro Glu Ile Asn Thr Val Gln Val
      35      40      45
Thr ser Thr Ala Val
      50
  
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